

## Red Mars Mars Trilogy Book 1

MarsRed RoverThe Wild ShoreRed MoonIcehengeThe Sirens of MarsHuman Missions to MarsGreen MarsGreen EarthThe Sands of MarsRed MarsRed StarAuroraWhite Mars; or, The Mind Set FreeMarsThe Years of Rice and SaltAntarcticaMapping MarsSixty Days and CountingExcessionThe Ministry for the FutureThe Martian ChroniclesWar StoriesForty Signs of RainRed Mars and Green MarsBefore MarsDying PlanetThe MartiansThe Case For MarsThe Complete Mars Trilogy: Red Mars, Green Mars, Blue MarsThe War of the WorldsRed PlanetThe MartianFifty Degrees BelowFrom The Earth To The MoonScience Fiction, Ethics and the Human ConditionBlue MarsThe Memory of WhitenessRed RisingHow We'll Live on Mars

### Mars

The Wild Shore is the first novel in Kim Stanley Robinson's highly-acclaimed Three Californias Trilogy. 2047: For the small Pacific Coast community of San Onofre, life in the aftermath of a devastating nuclear attack is a matter of survival, a day-to-day struggle to stay alive. But young Hank Fletcher dreams of the world that might have been, and might yet be--and dreams of playing a crucial role in America's rebirth. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

### Red Rover

For more than a century, Mars has been at the center of debates about humanity's place in the cosmos. Focusing on perceptions of the red planet in scientific works and science fiction, *Dying Planet* analyzes the ways Mars has served as a screen onto which humankind has projected both its hopes for the future and its fears of ecological devastation on Earth. Robert Markley draws on planetary astronomy, the history and cultural study of science, science fiction, literary and cultural criticism, ecology, and astrobiology to offer a cross-disciplinary investigation of the cultural and scientific dynamics that have kept Mars on front pages since the 1800s. Markley interweaves chapters on science and science fiction, enabling him to illuminate each arena and to explore the ways their concerns overlap and influence one another. He tracks all the major scientific developments, from observations through primitive telescopes in the seventeenth century to data returned by the rovers that landed on Mars in 2004. Markley describes how major science fiction writers—H. G. Wells, Kim Stanley Robinson, Philip K. Dick, Edgar Rice Burroughs, Ray Bradbury, Robert Heinlein, and Judith Merril—responded to new theories and new controversies. He also considers representations of Mars in film, on the radio, and in the popular press. In its comprehensive study of both science and science fiction, *Dying Planet* reveals how changing conceptions of Mars have had crucial consequences for understanding ecology on Earth.

### The Wild Shore

Red Rover is a gorgeously illustrated tale that explores the vast, inhospitable landscape of Mars and the adventures of the little rover that calls the planet its home. Mars has a visitor. It likes to roam observe measure and collect. It explores the red landscape— crossing plains, climbing hills, and tracing the bottoms of craters—in search of water and life. It is not the first to visit Mars. It will not be the last. But it might be the most curious. Join Curiosity on its journey across the red planet in this innovative and dynamic nonfiction picture book by Richard Ho, illustrated by Sibert Honor winner Katherine Roy. This title has Common Core connections.

### Red Moon

ONE OF BARACK OBAMA'S FAVORITE BOOKS OF 2020 "If I could get policymakers, and citizens, everywhere to read just one book this year, it would be Kim Stanley Robinson ' s The Ministry for the Future." —Ezra Klein From legendary science fiction author Kim Stanley Robinson comes a remarkable vision of climate change over the coming decades. The Ministry for the Future is a masterpiece of the imagination, using fictional eyewitness accounts to tell the story of how climate change will affect us all. Its setting is not a desolate, postapocalyptic world, but a future that is almost upon us—and in which we might just overcome the extraordinary

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challenges we face. It is a novel both immediate and impactful, desperate and hopeful in equal measure, and it is one of the most powerful and original books on climate change ever written. "The best science fiction-nonfiction novel I ' ve ever read." —Jonathan Lethem, Vanity Fair "A breathtaking look at the challenges that face our planet in all their sprawling magnitude and also in their intimate, individual moments of humanity." —Booklist (starred) "A sweeping, optimistic portrait of humanity's ability to cooperate in the face of disaster. This heartfelt work of hard science-fiction is a must-read for anyone worried about the future of the planet." —Publishers Weekly (starred) "The Ministry for the Future ranks among Robinson's best recent works, a collection of actions and observations that adds up to more than the sum of its eclectic and urgent parts." —Sierra Also by Kim Stanley Robinson: Red Moon New York 2140 2312 Aurora Shaman

### Icehenge

An informative overview of sky watchers' enduring fascination with Mars.--BooklistA tremendously readable and engaging history of why Mars has thrilled humanity for 200 years and why the latest discoveries make it more exciting than ever.--William K. Hartman, Mars Global Surveying Imaging TeamNo other planet has so fired the human imagination as Mars. The possibility of life on the planet was an obsession in the 19th century. It is not surprising to find that it has become so once again, because of all the planets in the solar system (apart from Earth), Mars has always

been regarded as the most likely to serve as the abode of life. Now that there are hints that the planet may have held liquid water (a prerequisite for life, in contrast to the frozen water of the ice caps) much more recently than anyone had supposed, excitement over Mars exploration has never been higher. In this engaging, eloquent account of our love affair with the Red Planet, William Sheehan and Stephen James O'Meara review the history of human fascination with our neighbor in the solar system, and look at the prospects for manned spaceflight to Mars in this new century. The authors portray the history of Mars investigations through the eyes of the dreamers and achievers that have made the planet such an integral part of the human psyche. They reveal the discoverers' hardships, their strength in the face of criticisms, and the glories of their successes. What Everest and the moon were to the 20th century, Mars will be to the 21st. Mars is our Everest, a new frontier that will continue to spur the greatest flights of imagination and the most astounding technical feats. Projects are already underway to make these dreams a reality. This book will prepare you and fill you with enthusiasm for the adventure ahead. William Sheehan (Willmar, MN) is author of *The Planet Mars* and the co-author of *In Search of Planet Vulcan*. Stephen James O'Meara (Volcano, HI) is the author of the *Deep-Sky Companions* series. Both Sheehan and O'Meara are contributing editors to *Sky & Telescope* and *Odyssey* magazines.

### The Sirens of Mars

## Human Missions to Mars

100 Russian and American scientists have been sent on a mission to Mars; they are to establish a community for humans. In the perilous and hostile landscape, they still show many human emotions.

## Green Mars

This book explores what science fiction can tell us about the human condition in a technological world, with the ethical dilemmas and consequences that this entails. This book is the result of the joint efforts of scholars and scientists from various disciplines. This interdisciplinary approach sets an example for those who, like us, have been busy assessing the ways in which fictional attempts to fathom the possibilities of science and technology speak to central concerns about what it means to be human in a contemporary world of technology and which ethical dilemmas it brings along. One of the aims of this book is to demonstrate what can be achieved in approaching science fiction as a kind of imaginary laboratory for experimentation, where visions of human (or even post-human) life under various scientific, technological or natural conditions that differ from our own situation can be thought through and commented upon. Although a scholarly work, this book is also designed to be accessible to a general audience that has an interest in science fiction, as well

as to a broader academic audience interested in ethical questions.

### Green Earth

An early novel from Science Fiction legend Kim Stanley Robinson, now available for the first time in decades: Icehenge. On the North Pole of Pluto there stands an enigma: a huge circle of standing blocks of ice, built on the pattern of Earth's Stonehenge--but ten times the size, standing alone at the farthest reaches of the Solar System. What is it? Who came there to build it? The secret lies, perhaps, in the chaotic decades of the Martian Revolution, in the lost memories of those who have lived for centuries. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

### The Sands of Mars

The tranquility of Mars is disrupted by humans who want to conquer space, colonize the planet, and escape a doomed Earth.

### Red Mars

Award-winning journalist Stephen Petranek says humans will live on Mars by 2027.

Now he makes the case that living on Mars is not just plausible, but inevitable. It sounds like science fiction, but Stephen Petranek considers it fact: Within twenty years, humans will live on Mars. We ' ll need to. In this sweeping, provocative book that mixes business, science, and human reporting, Petranek makes the case that living on Mars is an essential back-up plan for humanity and explains in fascinating detail just how it will happen. The race is on. Private companies, driven by iconoclastic entrepreneurs, such as Elon Musk, Jeff Bezos, Paul Allen, and Sir Richard Branson; Dutch reality show and space mission Mars One; NASA; and the Chinese government are among the many groups competing to plant the first stake on Mars and open the door for human habitation. Why go to Mars? Life on Mars has potential life-saving possibilities for everyone on earth. Depleting water supplies, overwhelming climate change, and a host of other disasters—from terrorist attacks to meteor strikes—all loom large. We must become a space-faring species to survive. We have the technology not only to get humans to Mars, but to convert Mars into another habitable planet. It will likely take 300 years to “ terraform ” Mars, as the jargon goes, but we can turn it into a veritable second Garden of Eden. And we can live there, in specially designed habitations, within the next twenty years. In this exciting chronicle, Petranek introduces the circus of lively characters all engaged in a dramatic effort to be the first to settle the Red Planet. How We ' ll Live on Mars brings firsthand reporting, interviews with key participants, and extensive research to bear on the question of how we can expect to see life on Mars within the next twenty years.

### Red Star

"The next frontier in space exploration is Mars, the red planet-and human habitation of Mars isn't much farther off. In October 2015, NASA declared Mars o an achievable goal;o that same season, Ridley Scott and Matt Damon's aThe Martian adrew crowds into theaters, signaled by its nearly half-billion-dollar gross in the first two months. Now the National Geographic Channel goes years fast-forward with oMars,o a six-part series documenting and dramatizing the next 25 years as humans land on and learn to live on Mars. Following on the visionary success of Buzz Aldrin's Mission to Mars a and the visual glory of Marc Kaufman's aMars Up Close, this companion book to the Nat Geo series shows the science behind the mission and the challenges awaiting those brave individuals. The book combines science, technology, photography, art, and story-telling, offering what only National Geographic can create. Clear scientific explanations, gorgeous photography from outer space and the planet itself, and dramatic scenes from the TV series featuring exquisitely constructed sets made to replicate Mars make the Mars experience real and provide amazing visuals to savor and return to again and again."

### Aurora

Kim Stanley Robinson ' s Mars trilogy is one of science fiction ' s most honored

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stories, with Red Mars winning the distinguished Nebula Award, and both Green Mars and Blue Mars honored with the Hugo. Now Robinson returns to the realm he has made his own—the planet Mars—in a brilliantly imagined drama with a searing poetic vision. From a training mission in Antarctica to blistering sandstorms sweeping through labyrinths of barren canyons, the interwoven stories of *The Martians* set in motion a sprawling cast of characters upon the surface of Mars. As the planet is transformed from an unexplored and forbidding terrain to a troubled image of a re-created Earth, we meet the First Hundred explorers—men and women who are bound together by Earth’s tenuous toehold on Mars. Presenting unforgettable stories of hope and disappointment, of fierce physical and psychological struggles, *The Martians* is an epic chronicle of a planet that represents one of humanity’s most glorious possibilities. Praise for *The Martians* “A uniquely rewarding experience of state-of-the-art science fiction.” —The New York Times Book Review “No one familiar with Robinson’s trilogy can read through these final, valedictory stories without feeling moved.” —The Washington Post “The stories are beautifully written, the characters are well developed and the author’s passion for ecology manifests itself on every page.” —Publishers Weekly (starred review)

### White Mars; or, The Mind Set Free

In 3229 A.D., human civilization is scattered among the planets, moons, and asteroids of the solar system. Billions of lives depend on the technology derived from the

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breakthroughs of the greatest physicist of the age, Arthur Holywelkin. But in the last years of his life, Holywelkin devoted himself to building a strange, beautiful, and complex musical instrument that he called The Orchestra. Johannes Wright has earned the honor of becoming the Ninth Master of Holywelkin's Orchestra. Follow him on his Grand Tour of the Solar System, as he journeys down the gravity well toward the sun, impelled by a destiny he can scarcely understand, and is pursued by mysterious foes who will tell him anything except the reason for their enmity, in *The Memory of Whiteness* by Kim Stanley Robinson. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

### Mars

Jim Marlow and his strange-looking Martian friend Willis were allowed to travel only so far. But one day Willis unwittingly tuned into a treacherous plot that threatened all the colonists on Mars, and it set Jim off on a terrifying adventure that could save--or destroy--them all "From the Paperback edition."

### The Years of Rice and Salt

Winner of the Hugo Award for Best Novel • One of the most enthralling science fiction sagas ever written, Kim Stanley Robinson ' s epic trilogy concludes with *Blue*

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Mars—a triumph of prodigious research and visionary storytelling. The red planet is no more. Now green and verdant, Mars has been dramatically altered from a desolate world into one where humans can flourish. The First Hundred settlers are being pulled into a fierce new struggle between the Reds, a group devoted to preserving Mars in its desert state, and the Green “terraformers.” Meanwhile, Earth is in peril. A great flood threatens an already overcrowded and polluted planet. With Mars the last hope for the human race, the inhabitants of the red planet are heading toward a population explosion—or interplanetary war. Praise for *Blue Mars* “A breakthrough even from [Robinson’s] own consistently high levels of achievement.” —The New York Times Book Review “Exhilarating . . . a complex and deeply engaging dramatization of humanity’s future.” —The Philadelphia Inquirer “[Blue Mars] brings the epic to a rousing conclusion.” —San Francisco Chronicle

### Antarctica

Since the beginning of human history Mars has been an alluring dream; the stuff of legends, gods, and mystery. The planet most like ours, it has still been thought impossible to reach, let alone explore and inhabit. Now with the advent of a revolutionary new plan, all this has changed. Leading space exploration authority Robert Zubrin has crafted a daring new blueprint, *Mars Direct*, presented here with illustrations, photographs, and engaging anecdotes. *The Case for Mars* is not a vision for the far future or one that will cost us impossible billions. It explains step-by-step

how we can use present-day technology to send humans to Mars within ten years; actually produce fuel and oxygen on the planet's surface with Martian natural resources; how we can build bases and settlements; and how we can one day "terraform" Mars; a process that can alter the atmosphere of planets and pave the way for sustainable life.

### Mapping Mars

The bestselling author of the classic Mars trilogy and *The Years of Rice and Salt* presents a riveting new trilogy of cutting-edge science, international politics, and the real-life ramifications of global warming as they are played out in our nation's capital—and in the daily lives of those at the center of the action. Hauntingly yet humorously realistic, here is a novel of the near future that is inspired by scientific facts already making headlines. When the Arctic ice pack was first measured in the 1950s, it averaged thirty feet thick in midwinter. By the end of the century it was down to fifteen. One August the ice broke. The next year the breakup started in July. The third year it began in May. That was last year. It's a muggy summer in Washington, D.C., as Senate environmental staffer Charlie Quibler and his scientist wife, Anna, work to call attention to the growing crisis of global warming. But as these everyday heroes fight to align the awesome forces of nature with the extraordinary march of technology, fate puts an unusual twist on their efforts—one that will place them at the heart of an unavoidable storm.

### Sixty Days and Counting

With the incomparable vision and breathtaking detail that brought his now-classic Mars trilogy to vivid life, bestselling author KIM STANLEY ROBINSON boldly imagines an alternate history of the last seven hundred years. In his grandest work yet, the acclaimed storyteller constructs a world vastly different from the one we know. The Years of Rice and Salt It is the fourteenth century and one of the most apocalyptic events in human history is set to occur – the coming of the Black Death. History teaches us that a third of Europe ' s population was destroyed. But what if? What if the plague killed 99 percent of the population instead? How would the world have changed? This is a look at the history that could have been – a history that stretches across centuries, a history that sees dynasties and nations rise and crumble, a history that spans horrible famine and magnificent innovation. These are the years of rice and salt. This is a universe where the first ship to reach the New World travels across the Pacific Ocean from China and colonization spreads from west to east. This is a universe where the Industrial Revolution is triggered by the world ' s greatest scientific minds – in India. This is a universe where Buddhism and Islam are the most influential and practiced religions and Christianity is merely a historical footnote. Through the eyes of soldiers and kings, explorers and philosophers, slaves and scholars, Robinson renders an immensely rich tapestry. Rewriting history and probing the most profound questions as only he can, Robinson shines his extraordinary light on the place of religion, culture, power, and even love

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on such an Earth. From the steppes of Asia to the shores of the Western Hemisphere, from the age of Akbar to the present and beyond, here is the stunning story of the creation of a new world. From the Hardcover edition.

### Excession

All three volumes of the worldwide bestselling Mars trilogy.

### The Ministry for the Future

The second volume in the bestselling Mars trilogy – and now part of the Voyager Classics collection.

### The Martian Chronicles

Red Moon is a magnificent novel of space exploration and political revolution from New York Times bestselling author Kim Stanley Robinson. It is thirty years from now, and we have colonized the moon. American Fred Fredericks is making his first trip, his purpose to install a communications system for China's Lunar Science Foundation. But hours after his arrival he witnesses a murder and is forced into hiding. It is also the first visit for celebrity travel reporter Ta Shu. He has contacts

and influence, but he too will find that the moon can be a perilous place for any traveler. Finally, there is Chan Qi. She is the daughter of the Minister of Finance, and without doubt a person of interest to those in power. She is on the moon for reasons of her own, but when she attempts to return to China, in secret, the events that unfold will change everything - on the moon, and on Earth. For more from Kim Stanley Robinson, check out: [New York 21402312AuroraShaman](#)

### War Stories

Winner of the Nebula Award for Best Novel • Discover the novel that launched one of science fiction 's most beloved, acclaimed, and awarded trilogies: Kim Stanley Robinson 's masterly near-future chronicle of interplanetary colonization. For centuries, the barren, desolate landscape of the red planet has beckoned to humankind. Now a group of one hundred colonists begins a mission whose ultimate goal is to transform Mars into a more Earthlike planet. They will place giant satellite mirrors in Martian orbit to reflect light to the surface. Black dust sprinkled on the polar caps will capture warmth and melt the ice. And massive tunnels drilled into the mantle will create stupendous vents of hot gases. But despite these ambitious goals, there are some who would fight to the death to prevent Mars from ever being changed. Praise for *Red Mars* “ A staggering book . . . the best novel on the colonization of Mars that has ever been written. ” —Arthur C. Clarke “ Absorbing . . . a scientifically informed imagination of rare ambition at work. ” —The New York Times

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Book Review “ Tremendous . . . a high-water mark in novels of Earth emigration. ” —The Washington Post Book World

### Forty Signs of Rain

'What a saga! Scifi with honest, complex humanity, physics, biology, sociology' - Tom Hanks 'Aurora is a magnificent piece of writing, certainly Robinson's best novel since his mighty Mars trilogy, perhaps his best ever' - Guardian Our voyage from Earth began generations ago. Now, we approach our destination. A new home. Aurora. Brilliantly imagined and beautifully told, Aurora is the work of a writer at the height of his powers. 'An accessible novel packed with big ideas, wonders, jeopardy and, at the end, a real emotional punch' SFX 'Aurora is Robinson's best book yet . . . Heart-wrenching, provocative' Scientific American 'Kim Stanley Robinson is one of science fiction's greats' Sunday Times Novels by Kim Stanley Robinson: Icehenge The Memory of Whiteness A Short, Sharp Shock Antarctica The Years of Rice and Salt Galileo's Dream 2312 Shaman Aurora New York 2140 Red Moon

### Red Mars and Green Mars

Who are the extraordinary individuals that will take us on the next great space race, the next great human endeavor, our exploration and colonization of the planet Mars?

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And more importantly, how are they doing it? Acclaimed science writer Oliver Morton explores the peculiar and fascinating world of the new generation of explorers: geologists, scientists, astrophysicists and dreamers. Morton shows us the complex and beguiling role that mapping will play in our understanding of the red planet, and more deeply, what it means for humans to envision such heroic landscapes. Charting a path from the 19th century visionaries to the spy-satellite pioneers to the science fiction writers and the arctic explorers -- till now, to the people are taking us there -- Morton unveils the central place that Mars has occupied in the human imagination, and what it will mean to realize these dreams. A pioneering work of journalism and drama, *Mapping Mars* gives us our first exciting glimpses of the world to come and the curious, bizarre, and amazing people who will take us there.

### Before Mars

One of the earliest science fantasy stories ever written, *From the Earth to the Moon* follows three wealthy members of a post-Civil War gun club who design and build an enormous columbiad -- and ride a spaceship fired from it all the way to the moon!

### Dying Planet

NEW YORK TIMES BESTSELLER • Pierce Brown 's relentlessly entertaining debut

channels the excitement of *The Hunger Games* by Suzanne Collins and *Ender 's Game* by Orson Scott Card. “ *Red Rising* ascends above a crowded dystopian field. ” —USA Today NAMED ONE OF THE BEST BOOKS OF THE YEAR BY ENTERTAINMENT WEEKLY, BUZZFEED, AND SHELF AWARENESS “ I live for the dream that my children will be born free, ” she says. “ That they will be what they like. That they will own the land their father gave them. ” “ I live for you, ” I say sadly. Eo kisses my cheek. “ Then you must live for more. ” Darrow is a Red, a member of the lowest caste in the color-coded society of the future. Like his fellow Reds, he works all day, believing that he and his people are making the surface of Mars livable for future generations. Yet he toils willingly, trusting that his blood and sweat will one day result in a better world for his children. But Darrow and his kind have been betrayed. Soon he discovers that humanity reached the surface generations ago. Vast cities and lush wilds spread across the planet. Darrow—and Reds like him—are nothing more than slaves to a decadent ruling class. Inspired by a longing for justice, and driven by the memory of lost love, Darrow sacrifices everything to infiltrate the legendary Institute, a proving ground for the dominant Gold caste, where the next generation of humanity 's overlords struggle for power. He will be forced to compete for his life and the very future of civilization against the best and most brutal of Society 's ruling class. There, he will stop at nothing to bring down his enemies . . . even if it means he has to become one of them to do so. Praise for *Red Rising* “ [A] spectacular adventure . . . one heart-pounding ride . . . Pierce Brown 's dizzyingly good debut novel evokes *The Hunger Games*, *Lord of the Flies*, and *Ender 's Game*. . . . [Red

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Rising] has everything it needs to become meteoric.” —Entertainment Weekly “ Ender, Katniss, and now Darrow. ” —Scott Sigler “ Red Rising is a sophisticated vision. . . . Brown will find a devoted audience. ” —Richmond Times-Dispatch Don ’ t miss any of Pierce Brown ’ s Red Rising Saga: RED RISING • GOLDEN SON • MORNING STAR • IRON GOLD • DARK AGE

### The Martians

The fifth Culture book from the awesome imagination of Iain M. Banks, a modern master of science fiction. Two and a half millennia ago, the artifact appeared in a remote corner of space, beside a trillion-year-old dying sun from a different universe. It was a perfect black-body sphere, and it did nothing. Then it disappeared. Now it is back. Praise for the Culture series: 'Epic in scope, ambitious in its ideas and absorbing in its execution' Independent on Sunday 'Banks has created one of the most enduring and endearing visions of the future' Guardian 'Jam-packed with extraordinary invention' Scotsman 'Compulsive reading' Sunday Telegraph The Culture series: Consider Phlebas The Player of Games Use of Weapons The State of the Art Excession Inversions Look to Windward Matter Surface Detail The Hydrogen Sonata Other books by Iain M. Banks: Against a Dark Background Feersum Endjinn The Algebraist

## The Case For Mars

After years of denial and non-action, a near-future Earth faces a crossroad when it is threatened with the dire implications of global warming, an environmental crisis that ironically could unleash a devastating Ice Age on the planet.

## The Complete Mars Trilogy: Red Mars, Green Mars, Blue Mars

“ An Earth-man ’ s journey to the planet Mars, where he is treated to a wondrous vision of a communist future, complete with flying cars and 3D color movies. ”  
—Wonders & Marvels A communist society on Mars, the Russian revolution, and class struggle on two planets is the subject of this arresting science fiction novel by Alexander Bogdanov (1873–1928), one of the early organizers and prophets of the Russian Bolshevik party. The red star is Mars, but it is also the dream set to paper of the society that could emerge on earth after the dual victory of the socialist and scientific-technical revolutions. While portraying a harmonious and rational socialist society, Bogdanov sketches out the problems that will face industrialized nations, whether socialist or capitalist. “ [A] surprisingly moving story. ” —The New Yorker  
“ The contemporary reader will marvel at [Bogdanov ’ s] foresight: nuclear fusion and propulsion, atomic weaponry and fallout, computers, blood transfusions, and (almost) unisexuality. ” —Choice “ Bogdanov ’ s novels reveal a great deal about their fascinating

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author, about his time and, ironically, ours, and about the genre of utopia as well as his contribution to it. ” —Slavic Review

### The War of the Worlds

"Originally self-published as an ebook in 2011 and subsequently published in hardcover in slightly different form in the United States by Crown Publishers and as a trade paperback by Broadway Books in 2014"--Title page verso.

### Red Planet

The landmark trilogy of cutting-edge science, international politics, and the real-life ramifications of climate change—updated and abridged into a single novel More than a decade ago, bestselling author Kim Stanley Robinson began a groundbreaking series of near-future eco-thrillers—Forty Signs of Rain, Fifty Degrees Below, and Sixty Days and Counting—that grew increasingly urgent and vital as global warming continued unchecked. Now, condensed into one volume and updated with the latest research, this sweeping trilogy gains new life as Green Earth, a chillingly realistic novel that plunges readers into great floods, a modern Ice Age, and the political fight for all our lives. The Arctic ice pack averaged thirty feet thick in midwinter when it was first measured in the 1950s. By the end of the century it was down to fifteen. One August

the ice broke. The next year the breakup started in July. The third year it began in May. That was last year. It ' s a muggy summer in Washington, D.C., as Senate environmental staffer Charlie Qibler and his scientist wife, Anna, work to call attention to the growing crisis of global warming. But as they fight to align the extraordinary march of modern technology with the awesome forces of nature, fate puts an unusual twist on their efforts—one that will pit science against politics in the heart of the coming storm. Praise for the Science in the Capital trilogy “ Perhaps it ' s no coincidence that one of our most visionary hard sci-fi writers is also a profoundly good nature writer—all the better to tell us what it is we have to lose. ” —Los Angeles Times “ An unforgettable demonstration of what can go wrong when an ecological balance is upset. ” —The New York Times Book Review “ Absorbing and convincing. ” —Nature

### The Martian

A breathtaking vision of a utopian future on Mars by one of science fiction ' s most renowned authors In the middle decades of the twenty-first century, the corporate powers on Earth have established a thriving colony on Mars as an alternative to life on the overpopulated, war-torn, ecologically ravaged home planet. But when the economy of EUPACUS—Earth ' s collective industrialized nations—collapses, all contact between the two worlds abruptly ceases, and the Martian pioneers are left to fend for themselves. Led by Tom Jeffries, a philosopher and a visionary, the colonists now

face a twofold challenge: No longer supported and subsidized by Earthbound interests, they must somehow form a working planetary alliance to create a new society based firmly in freedom and fairness for all while at the same time eliminating war, hunger, hatred, environmental abuse, and other former scourges of humanity. But first and foremost, they must survive. Brian W. Aldiss, a Hugo and Nebula Award – winning Grand Master of Science Fiction, presents a vision for the future that is startling, uplifting, and endlessly exciting. Written in collaboration with noted mathematician and physicist Roger Penrose—and with essential input from international law expert Laurence Lustgarten—Aldiss ' s remarkable *White Mars* opens a window onto a relentlessly thrilling and gloriously possible tomorrow.

### Fifty Degrees Below

Hugo Award winner Emma Newman returns to the captivating Planetfall universe with a dark tale of a woman stationed on Mars who starts to have doubts about everything around her. After months of travel, Anna Kubrin finally arrives on Mars for her new job as a geologist and de facto artist in residence--and already she feels she is losing the connection with her husband and baby at home on Earth. In her room on the base, Anna finds a mysterious note, painted in her own hand, warning her not to trust the colony psychiatrist. A note she can't remember painting. When she finds a footprint in a place that the colony AI claims has never been visited by humans, Anna begins to suspect that she is caught up in an elaborate corporate conspiracy. Or

is she losing her grip on reality? Anna must find the truth, regardless of what horrors she might discover or what they might do to her mind.

### From The Earth To The Moon

By the time Phil Chase is elected president, the world's climate is far on its way to irreversible change. Food scarcity, housing shortages, diminishing medical care, and vanishing species are just some of the consequences. The erratic winter the Washington, D.C., area is experiencing is another grim reminder of a global weather pattern gone haywire: bone-chilling cold one day, balmy weather the next. But the president-elect remains optimistic and doesn't intend to give up without a fight. A maverick in every sense of the word, Chase starts organizing the most ambitious plan to save the world from disaster since FDR – and assembling a team of top scientists and advisers to implement it. For Charlie Quibler, this means reentering the political fray full-time and giving up full-time care of his young son, Joe. For Frank Vanderwal, hampered by a brain injury, it means trying to protect the woman he loves from a vengeful ex and a rogue “black ops” agency not even the president can control – a task for which neither Frank's work at the National Science Foundation nor his study of Tibetan Buddhism can prepare him. In a world where time is running out as quickly as its natural resources, where surveillance is almost total and freedom nearly nonexistent, the forecast for the Chase administration looks darker each passing day. For as the last – and most terrible – of natural disasters looms on the

horizon, it will take a miracle to stop the clock . . . the kind of miracle that only dedicated men and women can bring about. From the Hardcover edition.

### Science Fiction, Ethics and the Human Condition

When a meteorite lands in Surrey, the locals don't know what to make of it. But as Martians emerge and begin killing bystanders, it quickly becomes clear—England is under attack. Armed soldiers converge on the scene to ward off the invaders, but meanwhile, more Martian cylinders land on Earth, bringing reinforcements. As war breaks out across England, the locals must fight for their lives, but life on Earth will never be the same. This is an unabridged version of one of the first fictional accounts of extraterrestrial invasion. H. G. Wells's military science fiction novel was first published in book form in 1898, and is considered a classic of English literature.

### Blue Mars

“ Sarah Stewart Johnson interweaves her own coming-of-age story as a planetary scientist with a vivid history of the exploration of Mars in this celebration of human curiosity, passion, and perseverance. ” —Alan Lightman, author of *Einstein ' s Dreams*  
NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The New York Times Book Review • Times (UK) • Library Journal “ Lovely . . . Johnson ' s prose swirls with

lyrical wonder, as varied and multihued as the apricot deserts, butterscotch skies and blue sunsets of Mars. ” —Anthony Doerr, *The New York Times Book Review* Mars was once similar to Earth, but today there are no rivers, no lakes, no oceans. Coated in red dust, the terrain is bewilderingly empty. And yet multiple spacecraft are circling Mars, sweeping over Terra Sabaea, Syrtis Major, the dunes of Elysium, and Mare Sirenum—on the brink, perhaps, of a staggering find, one that would inspire humankind as much as any discovery in the history of modern science. In this beautifully observed, deeply personal book, Georgetown scientist Sarah Stewart Johnson tells the story of how she and other researchers have scoured Mars for signs of life, transforming the planet from a distant point of light into a world of its own. Johnson ’ s fascination with Mars began as a child in Kentucky, turning over rocks with her father and looking at planets in the night sky. She now conducts fieldwork in some of Earth ’ s most hostile environments, such as the Dry Valleys of Antarctica and the salt flats of Western Australia, developing methods for detecting life on other worlds. Here, with poetic precision, she interlaces her own personal journey—as a female scientist and a mother—with tales of other seekers, from Percival Lowell, who was convinced that a utopian society existed on Mars, to Audouin Dollfus, who tried to carry out astronomical observations from a stratospheric balloon. In the process, she shows how the story of Mars is also a story about Earth: This other world has been our mirror, our foil, a telltale reflection of our own anxieties and yearnings. Empathetic and evocative, *The Sirens of Mars* offers an unlikely natural history of a place where no human has ever set foot, while providing a vivid portrait of our quest

to defy our isolation in the cosmos.

### The Memory of Whiteness

A winner of the Hugo and Nebula Awards for his Mars Trilogy, the author follows the struggle of a group of misfits and pioneers to survive the elements in the South Pole, invaded by resource-hungry nations and political extremists. Reprint. NYT. PW.

### Red Rising

A mission to send humans to explore the surface of Mars has been the ultimate goal of planetary exploration since the 1950s, when von Braun conjectured a flotilla of 10 interplanetary vessels carrying a crew of at least 70 humans. Since then, more than 1,000 studies were carried out on human missions to Mars, but after 60 years of study, we remain in the early planning stages. The second edition of this book now includes an annotated history of Mars mission studies, with quantitative data wherever possible. Retained from the first edition, Donald Rapp looks at human missions to Mars from an engineering perspective. He divides the mission into a number of stages: Earth ' s surface to low-Earth orbit (LEO); departing from LEO toward Mars; Mars orbit insertion and entry, descent and landing; ascent from Mars; trans-Earth injection from Mars orbit and Earth return. For each segment, he

analyzes requirements for candidate technologies. In this connection, he discusses the status and potential of a wide range of elements critical to a human Mars mission, including life support consumables, radiation effects and shielding, microgravity effects, abort options and mission safety, possible habitats on the Martian surface and aero-assisted orbit entry decent and landing. For any human mission to the Red Planet the possible utilization of any resources indigenous to Mars would be of great value and such possibilities, the use of indigenous resources is discussed at length. He also discusses the relationship of lunar exploration to Mars exploration. Detailed appendices describe the availability of solar energy on the Moon and Mars, and the potential for utilizing indigenous water on Mars. The second edition provides extensive updating and additions to the first edition, including many new figures and tables, and more than 70 new references, as of 2015.

### How We'll Live on Mars

In *War Stories: New Military Science Fiction*, editors Andrew Liptak and Jaym Gates collects short stories by science fiction and fantasy authors dealing with the effects of war prior, during, and after battle to soldiers and their families. War is everywhere. Not only among the firefights, in the sweat dripping from heavy armor and the clenching grip on your weapon, but also wedging itself deep into families, infiltrating our love letters, hovering in the air above our heads. It's in our dreams and our text messages. At times it roars with adrenaline, while at others it slips in

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silently so it can sit beside you until you forget it's there. Join Joe Haldeman, Linda Nagata, Karin Lowachee, Ken Liu, Jay Posey, and more as they take you on a tour of the battlefields, from those hurtling through space in spaceships and winding along trails deep in the jungle with bullets whizzing overhead, to the ones hiding behind calm smiles, waiting patiently to reveal itself in those quiet moments when we feel safest. War Stories brings us 23 stories of the impacts of war, showcasing the systems, combat, armor, and aftermath without condemnation or glorification. Instead, War Stories reveals the truth. War is what we are. Table of Contents: Foreword -- Gregory Drobny Graves -- Joe Haldeman Part 1: Wartime Systems In the Loop -- Ken Liu Ghost Girl -- Rich Larson The Radio -- Susan Jane Bigelow Contractual Obligation -- James L. Cambias The Wasp Keepers -- Mark Jacobsen Non-Standard Deviation -- Richard Dansky Part 2: Combat All You Need -- Mike Sizemore The Valkyrie -- Maurice Broaddus One Million Lira -- Thoraiya Dyer Invincible -- Jay Posey Light and Shadow -- Linda Nagata Part 3: Armored Force Warhosts -- Yoon Ha Lee Suits -- James Sutter Mission. Suit. Self. -- Jake Kerr In Loco -- Carlos Orsi Part 4: Aftermath War Dog -- Mike Barretta Coming Home -- Janine Spendlove Where We Would End a War -- F. Brett Cox Black Butterfly -- T.C. McCarthy Always the Stars and the Void Between -- Nerine Dorman Enemy States -- Karin Lowachee War 3.01 -- Keith Brooke Cover art by Galen Dara.

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